



# Hospital Project Based on Lean Principles

**PRESENTS A HEALTHY APPROACH TO PROJECT MANAGEMENT**

## Company

TJ Wies Contracting, Inc.

## Industry

Commercial Wall & Ceilings

## Company Size

200

## Location

St. Louis, Missouri USA

## Website

[www.tjwies.com](http://www.tjwies.com)

## Project for

Cardinal Glennon Surgery Expansion

## Project Length

15 months

## Project Value

\$2.5 million

## On Center Software Solution

On-Screen Takeoff®

Quick Bid

Digital Production Control™

Owner Tim Wies was practically born into the construction business. His father started a wall and ceiling business in 1958. After Tim graduated college with a business management degree, he entered a carpentry union apprentice program to gain on-the-job training and experience in carpentry and estimating. In 1994, he established TJ Wies Contracting, Inc. (TJW) with a focus in the commercial wall and ceiling industry. The company prides itself on its excellence in craftsmanship, attention to detail, and timely completion of projects. A safety record that is unparalleled is attributed to their commitment to hard-work and dedicated craftsmen. The company has always been interested in construction automation and the advantages it would bring the company. Improving accuracy, lowering costs, and eliminating errors were early reasons to adopt Quick Bid to automate the 'number crunching' aspects of bidding. Seeing On-Screen Takeoff® was like 'peas and carrots' (Forrest Gump, 1994) given its natural integration with Quick Bid. Faster more accurate takeoff allowed TJW to focus on their craft rather than manual processes. The final crown jewel was bringing onboard the game changing aspects of project management with Digital Production Control™. With a client base that provides more than 70% repeat business, TJW delivers professional, courteous, superior work.

## FAVORED HOSPITAL PROJECT

Some projects are favorites because of workmanship; others because of project execution; and finally there are those that come together on all fronts. Cardinal Glennon Children's Medical Center (CGCMC) is just such a project. The NICU branch of the hospital was looking to expand its surgical facilities. About a year prior to the start of the project, TJW attended a construction seminar on Lean principals.

Lean Construction is based upon the concepts of maximizing value and minimizing waste. When the project began, TJW was the only drywall contractor who had been through the lean training. As a result, TJW was able to partner with the owner and others in an Integrated Project Delivery (IPD) module. IPD is a process that involves the collaboration of people, systems, and best practices to improve the value to the owner.

This project was collaborative and had an open book system, guaranteed fees for the contractors, and no Guaranteed Maximum Price (GMP). CGCMC was a complicated project because of the building logistics. The extension was done amongst existing buildings that had to be tied into the new structure. TJW was confident in their ability to collaborate with others and execute just-in-time material ordering which was a win overall for the owner, the other contractors, and the hospital. TJW knew and communicated exactly where they were on the project from beginning to end because of the information available to them through their project management skills.

## **COMMIT TO INNOVATION**

From its inception, TJW has not been afraid to look for new and innovative ways to continually improve— whether construction automation or new construction principles. TJW is an award winning commercial wall and ceiling contractor on a variety of projects—residential, commercial, mixed use, healthcare, education, retail, faith-based, government, entertainment, and others. The solutions provided by On Center Software have enabled TJW to eliminate redundancy, touch data once, share valuable information internally and with partners at a moment's notice while the project is live. Knowing where the project stands at all times is a commitment to success. TJW is confident, competent, and focused on the success of its customers.

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On Center Software, Inc., is a privately held company providing software and training to construction industry professionals for over 24 years. Located in The Woodlands, Texas, the company's mission is to transform the takeoff, estimating, and labor-tracking experience with comprehensive software solutions that turn winning bids into profitable projects. On Center Software solutions include On-Screen Takeoff®, Quick Bid, and Digital Production Control™. Customers in the United States, Canada, Australia, New Zealand, United Kingdom, South Africa, and 60 other countries around the world leverage On Center Software's internationally recognized solutions. For more information about On Center Software, call 866.627.6246 or visit [www.oncenter.com](http://www.oncenter.com).